INDEX FOR VOLUME 50

Articles

Andersen, Erling B. Estimating latent correlations between repeated testings. 3–16.

Bloxom, Bruce. A constrained spline estimator of a hazard function. 301–321.

Bloxom, Bruce. Considerations in psychometric modeling of response time. 383–397.

Boomsma, Anne. Nonconvergence, improper solutions, and starting values in LISREL maximum likelihood estimation. 229–242.

Brady, Henry E. Statistical consistency and hypothesis testing for nonmetric multidimensional scaling. 509–537.

Brokken, Frank B. The simultaneous maximization of congruence for two or more matrices under orthogonal rotation. 51–56.

Browne, Michael W. (see Steiger, James H.)

Carroll, J. Douglas (see DeSarbo, Wayne S.)

Cliff, Norman (see Collins, Linda M.)

Collins, Linda M. & Cliff, Norman. Axiomatic foundations of a three-set Guttman simplex model with applicability to longitudinal data. 147–158.

Cooper, Martha C. (see Milligan, Glenn W.)

de Leeuw, Jan (see van der Heijden, P. G. M.)

DeSarbo, Wayne S. & Carroll, J. Douglas. Three-way metric unfolding via alternating weighted least squares. 275–300.

Dijkstra, T. K. (see van Praag, B. M. S.)

Gifford, Janice A. (see Swaminathan, H.)

Gillett, Raphael. Allowing for infeasible pairings in the matching paradigm. 265–274.

Herringer, Lawrence G. (see Widaman, Keith F.)

Hubert, Lawrence J. Combinatorial data analysis: Association and partial association. 449–467.

Kroonenberg, Pieter M. (see van der Kloot, Willem A.)

Lord, Frederic M. Estimating the imputed social cost of errors of measurement. 57–68.

Masters, Geofferey N. A comparison of latent trait and latent class analyses of Likert-type data. 69–82.

Meredith, William & Millsap, Roger E. On component analyses. 495–507.

Milligan, Glenn W. & Cooper, Martha C. An examination of procedures for determining the number of clusters in a data set. 159–179.

Millsap, Roger E. (see Meredith, William)

Molenaar, Peter C. M. A dynamic factor model for the analysis of multivariate times series. 181–202.

Mooijaart, Ab. Factor analysis for non-normal variables. 323–342.

Robertson, Tim & Warrack, Giles. An application of order restricted inference methodology to a problem in psychiatry. 421–427.

Robinson, David H. On more powerful tests of judge agreement with a known standard. 343–349.

Rogosa, David R. & Willett, John B. Understanding correlates of change by modeling individual differences in growth. 203–228.

Rost, Jürgen. A latent class model for rating data. 37–49.

Saris, Willem E. (see Satorra, Albert)

Satorra, Albert & Saris, Willem E. Power of the likelihood ratio test in covariance structure analysis. 83–90.

Shapiro, Alexander (see Steiger, James H.)

Steiger, James H., Shapiro, Alexander, & Browne, Michael W. On the multivariate asymptotic distribution of sequential chi-square statistics. 253–264.

Swaminathan, Hariharan & Gifford, Janice A. Bayesian estimation in the two-parameter logistic model. 349–364.

Tenenhaus, Michel & Young, Forrest W. An analysis and synthesis of multiple correspondence analysis, optimal scaling, dual scaling, homogeneity analysis and other methods for quantifying categorical multivariate data. 91–119.

ten Berge, Jos M. F. (see Zegers, Frits E.)

Theunissen, T. J. J. M. Binary programming and test design. 411–420.

van der Kloot, Willem A. & Kroonenberg, Pieter M. External analysis with three-mode principal component models. 479–494.

van der Heijden, P. G. M. & de Leeuw, Jan. Correspondence analysis used complementary to loglinear analysis. 429–447.

van Praag, B. M. S., Dijkstra, T. K., & Van Velzen, J. Least-squares theory based on general distributional assumptions with an application to the incomplete observations problem. 25–36.

Van Velzen, J. (see van Praag, B. M. S.)

Warrack, Giles (see Robertson, Tim)

INDEX FOR VOLUME 50

Articles

Andersen, Erling B. Estimating latent correlations between repeated testings. 3–16.

Bloxom, Bruce. A constrained spline estimator of a hazard function. 301–321.

Bloxom, Bruce. Considerations in psychometric modeling of response time. 383–397.

Boomsma, Anne. Nonconvergence, improper solutions, and starting values in LISREL maximum likelihood estimation. 229–242.

Brady, Henry E. Statistical consistency and hypothesis testing for nonmetric multidimensional scaling. 509–537.

Brokken, Frank B. The simultaneous maximization of congruence for two or more matrices under orthogonal rotation. 51–56.

Browne, Michael W. (see Steiger, James H.)

Carroll, J. Douglas (see DeSarbo, Wayne S.)

Cliff, Norman (see Collins, Linda M.)

Collins, Linda M. & Cliff, Norman. Axiomatic foundations of a three-set Guttman simplex model with applicability to longitudinal data. 147–158.

Cooper, Martha C. (see Milligan, Glenn W.)

de Leeuw, Jan (see van der Heijden, P. G. M.)

DeSarbo, Wayne S. & Carroll, J. Douglas. Three-way metric unfolding via alternating weighted least squares. 275–300.

Dijkstra, T. K. (see van Praag, B. M. S.)

Gifford, Janice A. (see Swaminathan, H.)

Gillett, Raphael. Allowing for infeasible pairings in the matching paradigm. 265–274.

Herringer, Lawrence G. (see Widaman, Keith F.)

Hubert, Lawrence J. Combinatorial data analysis: Association and partial association. 449–467.

Kroonenberg, Pieter M. (see van der Kloot, Willem A.)

Lord, Frederic M. Estimating the imputed social cost of errors of measurement. 57–68.

Masters, Geofferey N. A comparison of latent trait and latent class analyses of Likert-type data. 69–82.

Meredith, William & Millsap, Roger E. On component analyses. 495–507.

Milligan, Glenn W. & Cooper, Martha C. An examination of procedures for determining the number of clusters in a data set. 159–179.

Millsap, Roger E. (see Meredith, William)

Molenaar, Peter C. M. A dynamic factor model for the analysis of multivariate times series. 181–202.

Mooijaart, Ab. Factor analysis for non-normal variables. 323–342.

Robertson, Tim & Warrack, Giles. An application of order restricted inference methodology to a problem in psychiatry. 421–427.

Robinson, David H. On more powerful tests of judge agreement with a known standard. 343–349.

Rogosa, David R. & Willett, John B. Understanding correlates of change by modeling individual differences in growth. 203–228.

Rost, Jürgen. A latent class model for rating data. 37–49.

Saris, Willem E. (see Satorra, Albert)

Satorra, Albert & Saris, Willem E. Power of the likelihood ratio test in covariance structure analysis. 83–90.

Shapiro, Alexander (see Steiger, James H.)

Steiger, James H., Shapiro, Alexander, & Browne, Michael W. On the multivariate asymptotic distribution of sequential chi-square statistics. 253–264.

Swaminathan, Hariharan & Gifford, Janice A. Bayesian estimation in the two-parameter logistic model. 349–364.

Tenenhaus, Michel & Young, Forrest W. An analysis and synthesis of multiple correspondence analysis, optimal scaling, dual scaling, homogeneity analysis and other methods for quantifying categorical multivariate data. 91–119.

ten Berge, Jos M. F. (see Zegers, Frits E.)

Theunissen, T. J. J. M. Binary programming and test design. 411–420.

van der Kloot, Willem A. & Kroonenberg, Pieter M. External analysis with three-mode principal component models. 479–494.

van der Heijden, P. G. M. & de Leeuw, Jan. Correspondence analysis used complementary to loglinear analysis. 429–447.

van Praag, B. M. S., Dijkstra, T. K., & Van Velzen, J. Least-squares theory based on general distributional assumptions with an application to the incomplete observations problem. 25–36.

Van Velzen, J. (see van Praag, B. M. S.)

Warrack, Giles (see Robertson, Tim)

Widaman, Keith F. & Herringer, Lawrence G. Iterative least squares estimates of communality: Initial estimate need not affect stabilized value. 469–477.
Willett, John B. (see Rogosa, David R.)
Yen, Wendy M. Increasing item complexity: A possible cause of scale shrinkage for unidimensional item response theory. 399–410.
Young, Forrest W. (see Tenenhaus, Michel)
Zegers, Frits E. & ten Berge, Jos M. F. A family of association coefficients for metric scales. 17–24.

Computational Psychometrics

Computing announcements. 128–131.
Computing announcements. 367–370.
Milligan, Glenn W. An algorithm for generating artificial test clusters. 123–127.

Notes and Comments

Bentler, P. M. & Woodward, J. Arthur. On the greatest lower bound to reliability. 245–246.
Buck, Jane L. & Finner, Stephen L. A still further note on Freeman's measure of association. 365–366.
de Gruijter, Dato N. M. A note on the asymptotic variance-covariance matrix of item parameter estimates in the RASCH model. 247–249.
Finner, Stephen L. (see Buck, Jane L.)
Raghavachari, M. (see Vani, Vina)
Shapiro, Alexander. A note on the asymptotic distribution of the greatest lower bound to reliability. 243–244.
ten Berge, Jos M. F. On the relationship between Fortier's simultaneous linear prediction and van den Wollenberg's redundancy analysis. 121–122.
Vani, Vina & Raghavachari, M. A note on the determination of configuration and weights for a class of individual scaling models. 539–542.
Woodward, J. Arthur (see Bentler, P. M.)

Reviews

Carroll, J. Douglas. Review of *Multidimensional Scaling* by Mark L. Davison. 133–140.
de Leeuw, Jan. Review of *Confirmatory Factor Analysis.* A preface to LISREL by J. Scott Long, *Covariance Structure Models. An Introduction to LISREL* by J. Scott Long, *An Introduction to Latent Variable Models* by B. S. Everitt, and Causal Modeling in nonexperimental research. An Introduction to the LISREL Approach by W. Saris and H. Stronkhorst. 371–375.
Green, Bert F. Review of *A Dictionary of Social Science Methods* by P. McC. Miller and M. J. Wilson. 141.
Nishisato, Shizuhiko. Review of *Theory and Applications of Correspondence Analysis* by M. J. Greenacre. 376–377.
Steiger, James H. Review of *The Foundations of Multivariate Analysis: A unified approach by means of projection onto linear subspaces* by K. Takeuchi, H. Yanai, and B. N. Mukherjee. 142–143.

Errata

Errata for the *Volume 49* Index. 250.